

Application No.: 09/744,100
Amdt. Dated: July 31, 2003
Reply to Office Action of May 6, 2003

FIGURE 1A

[illegible][illegible]

	ID	NO:	+ + + + + + + + + +	+	* *	*****	*	+	*	*
SSEQ	ID NO: 11	VVHGGGPEINTWLDKVGIEPQFKDGLRVTDAAITMDEVMLVGRVNKELVNLINQAGGKA								
SSEQ	ID NO: 02	L VHGGGPEINSWLLRVGVVEPQFRDGLRVTDALTMEVVEMVLVGKVKNLVS LINI AGGT A								
SSEQ	ID NO: 04	L VHGGGPEINSWLLRVGVVEPQFRNGLRVTDALNMEEVVEMVLVRKVKNELLSLIKLP GGS A								
SSEQ	ID NO: 06	L VHGGGPEINSWLGR LNI PA VFRDGLRVTDADTMEIVSMVLVGKVKNKTLS L IN KAGA TA								
SSEQ	ID NO: 08	L VHGGGPEINSWLQRVGVXPQFRNGLRVVTXXXXXXXKQLLSLRPA GTTA								
SSEQ	ID NO: 12	L VHGGGPEINSWLXRX XXXXX FRX GLRVTDAXXMEXVMVLVXKVNX LXSL I XXXGX XA								
		121								180



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Replacement Sheet

FIGURE 1B

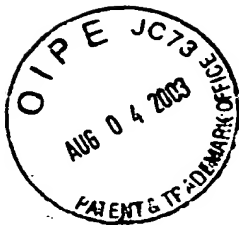
* + ** + + ** * + ** +	VGLCGKDQLMTARTMTN - KDVGFVGEVSSVDARVVETLVKSGYIPVISSVAADFEFGQAH
ID NO: 11 SSEQ	
I GLCGKDARL I TARPSNAAALG FVGVS R V D A T V L H P I I AAGHIPVIATVAADETGQAY	
ID NO: 02 SSEQ	
VSLCWKEARLLNERPSPX EKLR FVGGVWRVDA TVLHP I IASGHIPVIATVGADET GQAY	
ID NO: 04 SSEQ	
VGLSGMDGRLLTARPAPKAADLG YVGEVARVDP AVLRSLDTS HI PVVTSVAADESGQP Y	
ID NO: 06 SSEQ	
VGLCRKDGRI LTERPSPDAAA LGFVG EVTRKNPSVLHPI IA SSHI PVIATVAAD ETGQAY	
ID NO: 08 SSEQ	
XXI XXXXXRLXXXXRPXP ¹⁹⁰ XXXXXXXXVLXXXIXXXHI PVXXXVXADEXGXXY	
ID NO: 12 SSEQ	
181	240

ID	NO:	11	*****	***	***	*****	*	***+	***	+	***	+	***	+	***	+	***	+	***																
SESEQ	ID	NO: 11	NINADTCAGELAAALGA	EKL	IL	LL	TD	TR	GIL	RDY	KD	PS	TL	I	H	K	L	D	I	Q	A	R	E	L	I	G	S	G	I	V	A	G			
SESEQ	ID	NO: 02	NINADTAAGEIAAAVGA	EKL	LLLL	TD	VS	GIL	ADR	ND	P	G	S	L	V	K	V	V	D	I	A	G	V	R	K	M	V	A	D	G	K	V	A		
SESEQ	ID	NO: 04	NINADTAAGEIAAAVGA	EKL	LLLL	TD	VS	GIL	ADR	ND	P	G	S	L	V	K	E	I	D	I	A	G	V	R	Q	M	V	A	D	G	Q	V	A	G	
SESEQ	ID	NO: 06	NINADTVAGELAAASLGA	EKL	IL	LL	TD	VAG	I	LE	DR	ND	P	D	S	L	V	K	I	D	I	K	G	V	K	K	M	E	D	G	K	V	G	G	
SESEQ	ID	NO: 08	NINADTAAGEIAAAIGA	EKL	LL	IT	DV	S	GIL	ADR	DD	P	G	S	L	V	K	E	I	D	I	A	G	V	R	R	M	V	A	E	G	K	V	G	
SESEQ	ID	NO: 12	NINADTXAGEXAAXXGA	EKL	XL	XT	VD	V	GIL	X	LD	R	DX	DP	X	S	L	V	K	X	X	D	I	X	G	V	R	X	M	X	X	X	G	V	X

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****  ***  *****  ++++++  ++++++  ++++++  ++++++  ++++++  ++++++
SEQ ID NO: 11  MIPKVTCCVRSLAQGVRAAHILDGRPLPHALLLEVFDTLIGISMIVASGYDL
SEQ ID NO: 02  MIPKVECCVHALAQGVHTASIIDGRVPHSLLLEILTDEGTGMTG----
SEQ ID NO: 04  MIPKVECCVRALAQGVHTASIIDGRVPHSLLLEILTDEGTGMTG----
SEQ ID NO: 06  MIPKVNCCVRSLAQGVITASIIDGRVPHSLLLEILTDEGAGTMITG----
SEQ ID NO: 08  MIPKVGCCVRALAQGVHTASIIDGRVPHSLLLEILTDEGTGMTG----
SEQ ID NO: 12  MIPKVXCCVXXLAQGVXTASIIDGRVPHSLLLEILTDEGXGMTIG----
301 351

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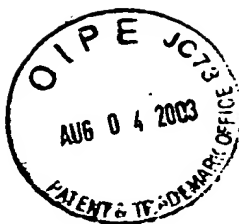


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Annotated Sheet Showing Changes

FIGURE 1 A_{κ} inserted

SEQ	ID	NO:	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
SEQ	ID	NO:	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
SEQ	ID	NO:	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
SEQ	ID	NO:	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
SEQ	ID	NO:	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
SEQ	ID	NO:	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50</																																																		

inserted



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FIGURE 18 (CONTINUED) ^{inserted} deleted

[illegible]

SSEQ	ID NO:11	NINADTCAGELAAALGAEKLIILLTDTRGILRDYKDPTSLIHKLDIQQARELIGSGIVAGG
SSEQ	ID NO:02	NINADTAAGEIAAAVGAEKLLLLLTDVSGILADRNDPGLVKVVVDIAGVRKMVADGKVAGG
SSEQ	ID NO:04	NINADTAAGEIAAAVGAEKLLLLLTDVSGILADRNDPGLSVEIDIAGVRQMVAHQVAGG
SSEQ	ID NO:06	NINADTVAGELAAASLGAEKLIILLTDVAGILEDRNDPSLSVKIIDIKGVKKMMEDGKVGGG
SSEQ	ID NO:08	NINADTAAGEIAAAGAIEKLIILLTDVSGILADRDPDGLSVEIDIAGVRRMVAEGKVGGG
SSEQ	ID NO:12	NINADTXAGEXAAXXGAEKLLXLXTDVXGILDXRDXPXSLVKXXDXIXGVRXMXXXXGXVXVG
	241	300

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*****  ***  *****  ++++++  ++++++  ++++++  ++++++  ++++++
SSEQ ID NO:11  MIPKVTCCVRSLAQGVRAAHIIDGRPLPHALLLEVFTDLGIGSMIVASGYDL
SSEQ ID NO:02  MIPKVECCVHALAQGVHTASIIDGRVPHSLLLEILTDEGTGTMTC.
SSEQ ID NO:04  MIPKVECCVRAIAQGVHTASIIDGRVPHSLLLEILTDEGTGTMTC.
SSEQ ID NO:06  MIPKVNCCVRSLAQGVITASIIDGRVPHSLLLEILTDEGAGTMTC.
SSEQ ID NO:08  MIPKVGCCVRALAQGVHTASIIDGRVPHSLLLEILTDEGTGTMTC.
SSEQ ID NO:12  MIPKVXCCVXXLAQGVXTASIIDGRVPHSLLLEILTDEGXGTMTC
301
351

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replaced with dashes (-)